

AMENDMENT

Sir:

In response to the Office action of May 06, 2003, please amend the above-identified application as follows:

In the claims:

Of the pending claims, please cancel claim 11 without prejudice. Please amend claims 10 and 12-21. Further, please add new claims 22 and 23. Following is a complete list of claims.

1-9. (cancelled).

b 10. (currently amended): A display device that shows picture frames containing a light sensing region and a light emitting region scanned by a laser beam for each picture frame displayed, in the presence of an applied electric field such that an amplified amount of carriers flow compared with those generated by the laser.

11. (cancelled).

12. (currently amended): A display device as claimed in claim ~~[[2]]~~ 10 such that the laser incident upon the light-sensing region causes carriers to flow to the light-emitting region due to the electric field.

13. (currently amended): A display device as claimed in Claim ~~[[2]]~~ 10 such that the light emitting ~~diodes are region is~~ is arranged in an alternating pattern of red, green, and blue to form a color display.

14. (currently amended): A display device as claimed in Claim ~~[[2]]~~ 10 such that the light emitting ~~diode region~~ is monolithic in construction, ~~coated with an alternating pattern of red, green, and blue phosphors to form a color display, and a pixel on a display is defined by the area lit by the laser.~~

15. (currently amended): A display device as claimed in Claim ~~[[1]]~~ 10 such that the laser beam scans each picture element more than once per picture frame displayed.

16. (currently amended): A display device as claimed in Claim ~~[[1]]~~ 10 whereby an optical barrier is positioned between the light emitting ~~diode region~~ and photodiode ~~photosensitive region~~ to prevent feedback of light from the light emitting diode to the photodiode photosensitive region.

17. (currently amended): A display device as claimed in Claim ~~[[1]]~~ 10 such that after the laser has been incident upon a picture element, the light-emitting region continues to emit light for a period proportional to a frame period.
18. (currently amended): A display device as claimed in Claim ~~[[1]]~~ 10 whereby feedback of light from the light emitting ~~diode-region~~ to the ~~photocell-photosensitive region~~ sustains the light emitting ~~diode-region~~ output, for each picture frame.
19. (currently amended): A display device as claimed in Claim ~~[[1]]~~ 10 whereby the electric field is turned off at the end of each picture frame.
20. (currently amended): A display device as claimed in Claim ~~[[1]]~~ 10 whereby the electric field is grounded at the end of each picture frame.
21. (currently amended): A display device as claimed in Claim ~~[[1]]~~ 10 whereby a capacitance in the device sustains the light emitting ~~diode-region~~ output, after the laser beam has stopped scanning each picture element, for each picture frame.
22. (new): A display device as claimed in Claim 14 such that the light-emitting region is coated with an alternating pattern of red, green, and blue phosphors such that the light emitted by the light-emitting region is retransmitted by the phosphors to form a color display.
23. (new): A display device as claimed in Claim 10 whereby the laser causes a voltage barrier to be changed thereby causing a large number of carriers to flow into the light-emitting region